

Serial No.: 10/625,895
Docket No.: PTGF-03043
HIR.072

AMENDMENTS TO THE CLAIMS:

1. (Previously Presented) A light emitting apparatus, comprising:
a light emitting element comprising a nitride semiconductor;
a phosphor that absorbs light emitted from said light emitting element and emits light with a wavelength different from that of the absorbed light;
a first reflection mirror that reflects the light emitted from said light emitting element to converge the light;
a second reflection mirror that has a light passing hole at a position on which the light reflected on said first reflection mirror is converged and that has a reflection surface on the side opposite to the side facing said first reflection mirror; and
a phosphor layer that includes said phosphor, said phosphor layer being placed over said light passing hole and at a region in a transparent resin in which part of light passing through said light passing hole is radiated.
2. (Previously Presented) The light emitting apparatus according to claim 1, wherein:
said first reflection mirror comprising a ring-shaped concave portion to converge the light, and
said light passing hole comprises a shape such that the light reflected on the ring-shaped concave is converged while having a ring shape.

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3. (Previously Presented) The light emitting apparatus according to claim 1, wherein:
said phosphor layer has a thickness in the light emission direction which is adjustable according to the color of light to be extracted from said light emitting apparatus.

4. (Previously Presented) The light emitting apparatus according to claim 1, wherein:
said phosphor layer includes said phosphor the concentration of which is adjustable according to the color of light to be extracted from said light emitting apparatus.

5-19 (Canceled)

20. (Currently Amended) A light emitting apparatus, comprising:
a first reflector comprising a concave shape for converging light emitted from a light emitting element to a predetermined position, said light emitting element mounted on a first surface of a plate facing said first reflector ~~onto a predetermined position on the first surface of said plate;~~
a second reflector provided on a second surface of said plate opposite the first surface;
a light passing hole in said plate located at the predetermined position for permitting the converged light to pass through said plate; and
a phosphor layer displaced from the second surface of said plate and aligned over said light passing hole, and said phosphor layer comprising a phosphor that absorbs light ~~emitted from said light emitting element~~ and emits light having a wavelength different from that of the absorbed light,

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wherein the converged light passing through said light passing hole is incident upon said phosphor layer and at least a portion of the converged light is absorbed by said phosphor.

21. (Previously Presented) The light emitting apparatus according to claim 20, wherein said first reflector comprises a reflection film that reflects light with a wavelength in a range from about 350 nm to 780 nm.

22. (Previously Presented) The light emitting apparatus according to claim 20, wherein:
said first reflector comprises a ring-shaped concave portion for converging light emitted from said light emitting element into a ring-shape onto the predetermined position;
and

said light passing hole comprises a ring-shape substantially corresponding to the ring-shape of the converged light.

23. (Previously Presented) The light emitting apparatus according to claim 20, wherein said phosphor layer comprises a ring shape axially aligned with said light passing hole.

24. (Previously Presented) The light emitting apparatus according to claim 20, further comprising:

a transparent resin that seals substantially the entire light emitting apparatus.

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25. (Previously Presented) The light emitting apparatus according to claim 24, wherein said transparent resin comprises a low-melting glass.

26. (Previously Presented) The light emitting apparatus according to claim 20, further comprising:

a mount upon which said light emitting element is mounted,
wherein said mount comprises a resin.

27. (Previously Presented) The light emitting apparatus according to claim 26, wherein the resin of said mount comprises the phosphor that absorbs light emitted from said light emitting element and emits light having a wavelength different from that of the absorbed light.

28. (Previously Presented) The light emitting apparatus according to claim 26, wherein the resin of said mount comprises at least one inorganic material selected from the group of alumina, silica, titanium oxide, and boron nitride.

29. (Previously Presented) The light emitting apparatus according to claim 28, wherein the at least one inorganic material is formed into a shape of one of a sphere, a needle, and a flake.

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30. (Previously Presented) The light emitting apparatus according to claim 20, wherein the phosphor comprises a yttrium aluminum garnet (YAG) phosphor activated with cerium.

31. (Previously Presented) The light emitting apparatus according to claim 20, wherein said light emitting element comprises a nitride semiconductor.